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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/753,764	12/29/2000	Sailesh Kottapalli	2207/10122	3475
7590	10/06/2004		EXAMINER	
Kenyon & Kenyon Suite 600 333 W. San Carlos Street San Jose, CA 95110-2711			HUISMAN, DAVID J	
			ART UNIT	PAPER NUMBER
			2183	

DATE MAILED: 10/06/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Advisory Action</b>	Application No.	Applicant(s)
	09/753,764	KOTTAPALLI, SAILESH
	Examiner David J. Huisman	Art Unit 2183

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 23 September 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a)  The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.
- b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1.  A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2.  The proposed amendment(s) will not be entered because:
  - (a)  they raise new issues that would require further consideration and/or search (see NOTE below);
  - (b)  they raise the issue of new matter (see Note below);
  - (c)  they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d)  they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: see attached sheet (part A).

3.  Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4.  Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5.  The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: see attached sheet (part B).
6.  The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7.  For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: 1-22, as set forth in the final rejection.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

8.  The drawing correction filed on 23 Septemebr 2004 is a) approved or b) disapproved by the Examiner.
9.  Note the attached Information Disclosure Statement(s) ( PTO-1449) Paper No(s). \_\_\_\_\_.
10.  Other: \_\_\_\_\_

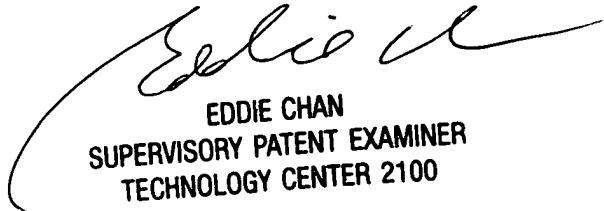
(A) Applicant has failed to overcome the 35 USC 112 rejection of the independent claims. More specifically, in using the language "the storage element coupled to the associated multiplexer", it is still not clear whether applicant is delivering inactive thread pointers to the first, second, or both storage elements. The examiner suggests specifically associating the first and second storage elements with active and inactive threads.

(B) Applicant argues on page 10 of the remarks, in substance that:

"AAPA does not teach or suggest a first storage element coupled to an output of the first multiplexer and a second storage element coupled to an output of the second multiplexer, as claimed in claims 1, 10, and 19 as amended."

Although this argument has been fully considered by the examiner, it has been found non-persuasive because the storage elements of AAPA are coupled to both the inputs and outputs of the multiplexers. For instance, looking at Fig.2 of AAPA, storage element 248 provides a pointer as an input to a first multiplexer 218. Consequently, storage element 248 is coupled to the input of the first multiplexer. In addition, storage element 248 also receives an instruction pointer, from logic 232. However, the pointer received by element 248 via logic 232 originated from multiplexer 218 (assuming multiplexer 218 was doing the outputting). Consequently, storage element 248 is coupled to the output of the first multiplexer. As a result, the examiner asserts that AAPA still reads on applicant's claims as presently worded.

(C) Finally, as a side note, there is an informality in Fig.4. Applicant should label the "No" path of decisional block 236 with an --N--, as is done in decisional block 440.



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